



Corrosion

Steel Members and Connections



Steel is the major component in a variety of mine structures.

Corrosion reduces the strength of steel members and can lead to structural failure.

Do you know what to look for?

Warning signs of corrosion problems:

*Excessive loss of steel thickness
Swelling caused by delamination
Flaking caused by delamination
Corrosion holes
Buckling, sagging, & tears*

You can prevent corrosion problems by:

*Periodic examinations
Keeping the steel primed and painted
Keeping areas dry & clean of spillage
Replace or cover-plate deteriorated members
Replace or reinforce corroded connections*

Corrosion Can Be Controlled!

